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TITLE: AQUEOUS EMULSION COATING MATERIAL

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INVENTOR-INFORMATION:

NAME

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ABSTRACT:

PURPOSE: To obtain the title coating material which gives a film having low CO₂ permeability and high water vapor permeability and free from crazing by mixing a specified resin emulsion, diatomaceous earth, and a polyhydric alcohol or glycol ether at specified ratios.

CONSTITUTION: The title coating material contains a vinyl acetate/acrylic copolymer resin emulsion or ethylene/vinyl acetate copolymer resin emulsion, diatomaceous earth, and a polyhydric alcohol or glycol ether (e.g. diethylene glycol monobutyl ether), wherein the amount of the diatomaceous earth is 50-150 pts.wt. based on 100 pts.wt. solids of the resin emulsion, the volume concentration of pigment including the diatomaceous earth is 30-50%, and the polyhydric alcohol or glycol ether accounts for 5-50wt.% of the volatile matter of the coating material.

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